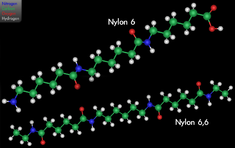
NYLON

***Nylon is a fiber***

[](http://en.wikipedia.org/wiki/File:Nylon6_and_Nylon_66.png)

<http://en.wikipedia.org/wiki/Nylon>

***Nylon***

|  |  |  |
| --- | --- | --- |
| **Density** | = | 1.15g/cm^3 |
| **Electrical Conductivity** | = | 10^-12 S/m |
| **Thermal Conductivity** | = | 0.25 W/(m\*k) |
| **Melting point** | = | 463-624°K |
| **CELCUS** | = | 190-350 °C |
| **FAHRENHEIT** | = | 374-663°F |

1. Nylon is man made it was made by Wallace Carothers at Dupont’s research facility at the Dupont Experiment Station in 1939.
2. Nylon is made out of Carbon, Hydrogen, Nitrogen, and Oxygen.
3. Nylon is silky material that is first used in a nylon-bristled toothbrush (1939), then used a women’s stockings in 1940. Is made by repeating units or linked by amide bonds that are frequently described as polyamide. Nylon was the first most successful synthetic polymer. There are two used methods of making nylon for the fiber applications.

Information recited:

<http://en.wikipedia.org/wiki/Nylon>